



IOI OLEOCHEMICALS

SPECIFICATION SHEET

Date : 15/5/2013
Product Name : Glycerine 99.7% Min
Specs. Code Revision : 19

Parameters	Unit	Specifications	Test Method
Assay (Anhydrous Basis)	%	99.7 – 101.0	USP 36
Identification			
Identification A (Infrared Absorption)	-	Meets requirement as per test method	USP 36 (Method 197F)
Identification B (Limit of Diethylene Glycol)	%	0.1 Max	USP 36
Identification B (Limit of Ethylene Glycol)	%	0.1 Max	USP 36
Identification C (Confirmation of Glycerine by GC)	-	Meets requirement as per test method	USP 36
Inorganic Impurities			
Chloride	ppm	10 Max	USP 36 (Method 221)
Sulfate	ppm	20 Max	USP 36 (Method 221)
Heavy Metals	ppm	5 Max	USP 36 (Method 231)
Residue On Ignition	%	0.01 Max	USP 36 (Method 281)
Organic Impurities			
Related Compounds (Individual Impurities)	%	0.1 Max	USP 36
Related Compounds (Total Impurities)	%	1.0 Max	USP 36
Limit of Chlorinated Compounds	ppm	30 Max	USP 36
Fatty Acids & Esters (0.5N NaOH)	ml	1 Max	USP 36
Specific Tests			
Color	-	Meets requirement as per test method	USP 36
Specific Gravity @25°C	-	1.249 Min	USP 36 (Method 841)
Water Determination	%	5.0 Max	USP 36 (Method 921-1)

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